

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) An injection device for injecting a medicament into a body, the injection device comprising:

a housing;

a medicament reservoir;

a drive system for expelling a dosage of the medicament from the reservoir; ~~[[and]]~~

at least one capacitor providing the sole electric power for powering the drive system for performing at least one injection;

wherein the medicament reservoir, the drive system, and the at least one capacitor are contained within the injection device housing; and

at least one inductive charging element coupled to the at least one capacitor within the injection device and at least partially arranged at an exterior face of the housing, the at least one inductive charging element configured for being operably and removably coupled to an external charging device via the portion of the inductive charging element arranged at the exterior face of the housing, the external charging device comprising a structure that is complementary with said inductive charging element at the exterior face;

wherein the at least one capacitor receives ~~[[its]]~~ a charge from ~~[[a]]~~ the external charging device ~~external to and removably coupled to the~~ when the external charging device is operably coupled to the portion of the at least one inductive charging element arranged at the exterior face of the injection device housing; and

wherein the drive system remains operable for expelling a dosage after the external charging device has been removed ~~from the at least one inductive charging element~~ by discharging the charge from the ~~external charging device~~ at least one capacitor.

2. (Original) The injection device as set forth in claim 1, wherein the at least one capacitor is a gold capacitor.

3. (Original) The injection device as set forth in claim 1, wherein the at least one capacitor is a duplex capacitor.

4. (Original) The injection device as set forth in claim 1, further comprising a charge indicator operably coupled to the capacitor.
5. (Original) The injection device as set forth in claim 4, wherein the charge indicator is a voltmeter.
6. (Original) The injection device as set forth in claim 1, further comprising a processor for determining the number of injections which can be performed.
7. (Original) The injection device as set forth in claim 1, further comprising a threshold value detector operably coupled to the at least one capacitor to detect a predetermined minimum voltage which is the amount of energy at least one injection consumes.
8. (Currently Amended) The injection device as set forth in claim 1, further comprising a DC/DC converter operably coupled to the at least one capacitor, said DC/DC converter configured to receive a DC voltage from the capacitor and deliver a constant DC voltage to the drive system.
9. (Original) The injection device as set forth in claim 1, wherein the at least one capacitor is adapted be charged inductively.
10. (Original) The injection device as set forth in claim 1, further comprising at least one of a memory and a signal output device, said at least one of the memory and the signal output device supplied with current from the at least one capacitor.
11. (Currently Amended) The injection device as set forth in claim 1, wherein the inductive charging elements form a portion of an further comprising an electronic system.
12. (Canceled)
13. (Previously Presented) The injection device as set forth in claim 11, wherein the electronic system includes sensing elements.
14. (Previously Presented) The injection device as set forth in claim 13, wherein the electronic system further includes control/processing elements and display elements, the

electronic system senses an amount of energy remaining in the capacitor, determines the number of injections which can be performed, and displays such number.

15. (Previously Presented) The injection device as set forth in claim 1, further comprising a second capacitor, wherein the capacitors are connected in parallel.
16. (Previously Presented) The injection device as set forth in claim 1, wherein the capacitor is rechargeable.
17. (Canceled)
18. (Currently Amended) An injection system for injecting a medicament into a body, the injection system comprising:

an injection device comprising a housing, a medicament reservoir, a drive system for expelling a dosage of the medicament from the reservoir, [[and]] at least one capacitor for powering the drive system for performing at least one injection, the at least one capacitor providing the sole electric power source for performing an injection with the injection device, and at least one inductive charging element coupled to the capacitor and to an external face of the housing, wherein the medicament reservoir, the drive system, and the at least one capacitor are contained within the injection device housing, and at the exterior face of the housing, the at least one inductive charging element is configured to be operably coupled to an external charging device and to deliver a charge to the capacitor, the external charging device comprising a structure that is complementary with said inductive charging element at the exterior face; and

a charging device configured for ~~capable of~~ removably coupling with the injection device for delivering the external charging device charge to ~~charging~~ the at least one capacitor, wherein the charging device is external to the injection device housing and is removable from the injection device housing prior to the injection device injecting the medicament.